

## EZHD-TVI UTP Passive Bi-directional Balun Pair

Send 1080p or 720p EZHD megapixel TVI video more than 800 feet over a single unshielded twisted pair of wires from a Cat5e cable.

The KA-HDBAL1 is a pair of high performance baluns with BNC-M connectors on the end of a 3" flexible cable to fit an EZHD camera at one end and an EZHD DVR at the other, with easy to attach spring-compression connectors to attach the ends of a Cat 5e UTP wire pair. Use Cat5e for convenient and economical wiring of new installations, or upgrade the cameras and baluns at an existing site to megapixel clarity. These baluns will also support 960H, HD-CVI and HAD video.

Simply connect the corresponding wires to the + and - terminals on the HD baluns to transmit megapixel video from camera to DVR and OSD control signals Up-the-Cable [UTC Control] to access the cameras' OSD functions from the DVR. These are the cost effective, easy to use HD video baluns with built in transient surge and ESD protection you will want for your UTP EZHD megapixel applications.

### Features

- UTP transmission of EZHD HD-TVI on over 800 feet of Cat5e UTP
- Supports uncompressed 1080p and 720p real time video with 60MHz video bandwidth
- Passive - No power required
- Bi-directional – also carries OSD menu control signals Up-the-Cable [UTC]
- Transient Surge Protection to 4KV
- Electrostatic Discharge Protection to 8KV
- 60dB Cross Talk and Noise Immunity
- Supplied in pairs
- Connect directly to camera and DVR BNC video connectors
- Pushbutton easy attachment to UTP wire
- Supports all HD video formats (TVI, CVI, AHD; NTSC, PAL, SECAM)



### Technical Specifications:

<b>EZHD Interface</b>	BNC-Male 75Ω unbalanced on 3" flexible pigtail
<b>UTP Interface</b>	Spring loaded compression terminals for Cat5e/Cat6 balanced 100Ω
<b>UTP Transmission Distance</b>	TVI: Up to 820 feet (250m) 1080p/720p CVI: Up to 1476 feet (450m) 720p; to 820 feet (250m) 1080p AHD: Up to 1049 feet (320m) 720p
<b>Video Bandwidth</b>	DC ~ 60MHz NTSC/PAL/SECAM
<b>Transient Surge Protection</b>	4KV
<b>Electrostatic Discharge Protection</b>	8KV
<b>CMRR, Cross Talk and Noise Immunity</b>	60dB
<b>Operating Temperature</b>	14°F~158°F (-10°C ~ +70°C)
<b>Operating Humidity</b>	Less than 95% RH, non-condensing
<b>Case Material</b>	ABS Plastic
<b>Dimensions</b>	2.01" L x .65" H x .55" W each
<b>Weight</b>	.55 oz. each
<b>Package Quantity</b>	Pair